

Triple C Coding

Chance Chapman

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About Me

Senior Full-Stack Developer with 20+ years of experience across the entire technology stack - from server administration and database optimization to API development and blockchain integration. Passionate about building reliable, scalable systems with a proven track record of achieving 99.9% uptime. Equally comfortable configuring cloud infrastructure, writing efficient queries, developing backend services, or deploying smart contracts. Driven by the challenge of solving complex technical problems at any layer of the stack.

Skills

- **Languages & Frameworks:** Node.js, PHP, Solidity, Python, JavaScript, Express.js, Remix, Astro
- **Blockchain/Web3:** Smart contracts, dApps, DeFi protocols, ERC-20/721
- **Cloud & DevOps:** AWS (EC2, Lambda, RDS), Docker, CI/CD pipelines, NGINX, Linux
- **Databases & Tools:** MySQL, Mongo, Git, Puppeteer
- **Certifications:** [Stanford Online Machine Learning Course](#)

Professional Experience

Senior Developer

Sage Personal Finance, Remote | 2012 – Present

- Engineered and maintain a resilient platform achieving 99.9% uptime serving thousands of users, scaling from a 5-person team to sole technical ownership
- Architected high-availability infrastructure using MySQL group replication and redundant DNS, reducing downtime incidents by 95%
- Implemented automated monitoring system with proactive log analysis, detecting and resolving 80% of issues before user impact
- Led platform modernization initiatives, reducing security vulnerabilities by 70% and improving performance by 40% through strategic PHP/Node.js upgrades

Blockchain & Backend Developer

Star Wolvez, Remote | 2023 – Present

- Architected and deployed complete backend infrastructure (API, database, cloud services) supporting 5,000+ active gaming users
- Engineered serverless v2 infrastructure achieving 100% redundancy and 30% performance improvement while reducing operational costs by 25%
- Developed and deployed Solidity smart contracts for on-chain gaming mechanics, passing comprehensive security audits
- Collaborated in 3-person development team to deliver features 2x faster than industry average

Software Developer

Buttonwood Technology, New York City, NY | 2004 – 2012

- Migrated entire infrastructure from physical servers to AWS, reducing operational costs by 60% and improving system reliability
- Developed and maintained .NET/JavaScript applications serving 20+ enterprise client portals with 99.5% uptime
- Optimized MS SQL database performance, reducing query response times by 50% and supporting 3x user growth

Projects

Blastfarm.xyz - Web3 DeFi Platform

- Developed Web3 dApp on Blast blockchain enabling "double farming" with ERC-20 token minting and dual reward system (Blast Gold + \$SEED)
- **Tech Stack:** Solidity, Node.js, React, Web3.js

- **GitHub:** github.com/chapma26/blastfarm_web

Algorithmic Options Trading System

- Built ML-powered trading system using LSTM neural networks for automated stock options trading with nightly model retraining
- **Tech Stack:** Python, TensorFlow, Node.js
- **GitHub:** github.com/chapma26/option_trading

Weav3 - Ethereum Analytics Platform

- Engineered comprehensive Node.js application for analyzing Ethereum wallet transactions and calculating retroactive airdrop eligibility
- **Tech Stack:** Node.js, Ethers.js, MySQL
- **GitHub:** github.com/chapma26/weav3

NFT Market Automation Bot

- Created automated NFT monitoring bot using Puppeteer for real-time OpenSea collection tracking with Discord notifications
- **Tech Stack:** Node.js, Puppeteer, Discord.js
- **GitHub:** github.com/chapma26/nft_snipebot

KidToken - Blockchain Reward System

- Built token management system integrating with OST blockchain to manage digital reward economies for families and groups
- **Tech Stack:** Node.js, OST Blockchain API
- **GitHub:** github.com/chapma26/kidtoken

CloudBrew - Cloud Server Management Platform

- Developed full-stack cloud management platform supporting multiple cloud providers with intuitive server provisioning and monitoring
- **Tech Stack:** React, Node.js, Express, Cloud Provider APIs
- **GitHub:** github.com/chapma26/cloudbrew_web

Paducah Porch Goose - Business Website

- Designed and built business website as first "vibe-coded" project, showcasing modern web development practices
- **Tech Stack:** HTML, CSS, JavaScript
- **GitHub:** github.com/chapma26/ppg

See my other projects here - github.com/chapma26

Education

Bachelor of Science in Computer Science

Michigan State University

Bachelor of Arts in Philosophy

Michigan State University